AUS 2 6 2003

INFORMATION DISCLOSURE CITATION

| Atty. Docket No | 0593-00 | Application No. | 09/931,912 | | | _ [] |
|-----------------|------------------------|-----------------|------------|---------------|-----|---------|
| Applicant | Nghi Van Nguyen et al. | | | <u> </u> | 2 | <u></u> |
| Filing Date | August 20, 2001 | Group: | 1751 | \mathcal{O} | 6 2 | ī |
| | | | | | | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|---|--------------------|----------------|-----------------|-------|--------------|-------------|
| Examiner Initial* | | Document Number | Issue Date | Name | Class | Sub Class | Filing Date |
| SE | 7 | 3,908,672 | Sept. 30, 1975 | Bore et al. | 172 | 7 | |
| 58 | 5 | 4,992,267 | Feb. 12, 1991 | DenBeste et al. | 4711 | 71 | |
| 45 | 4 | 5,154,918 | Oct. 13, 1992 | Maignan et al. | 477 | 72 | |
| | | | | | | | |
| | | | | | | | |

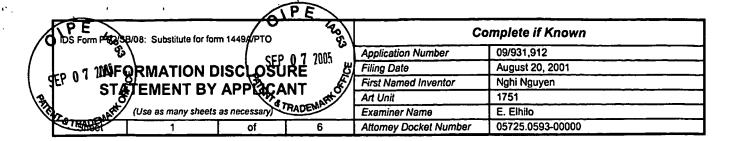
| | Document Number | Publication Date | Country | Class | Sub Class | Translatior Yes or No |
|-----|--------------------|---------------------|---------|-------|--------------|--------------------------|
| CoS | △ EP 0 712 623 A2 | May 22, 1996 | Europe | | | English |
| 5.8 | WO 02/067875 A1 | Sept. 6, 2002 | PCT | | | English |
| | | | | 2 | | |
| | | | 1 | | | |
| | | | , | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | |
|--|--|--|--|--|--|
| Cir | Copy of International Search Report in PCT/US 02/21849 dated May 26, 2003. | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| Examiner | Est Fullo | Date Considered 1175/05 |
|------------|-----------|---|
| *Examiner: | | not citation is in conformance with MPEP 609; draw line not considered. Include copy of this form with next |
| | | |

Form PTO 1449

Patent and Trademark Office - U.S. Department of Commerce



| | U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS | | | | | | |
|----------------------|---|--|------------------------------|--|---|--|--|
| Examiner Initials | Cite No. | Document Number Number-Kind Code (if known) | Issue or Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant | | |
| 10 | 1 | | 8/8/1946 | Reed et al. | Figures Appear | | |
| 100 | 2 | 2,405,166 | | | 133 31 | | |
| in | | 2,464,280 | 3/15/1949 | Reed et al. | 167187-1 | | |
| SE | 3 | 2,464,281 | 3/15/1949 | Peterson | 167/871 | | |
| Ch | 4 | 2,564,722 | 8/21/1951 | Reed et al. | 132/7 | | |
| 84 | 5 | 2,719,814 | 10/4/1955 | Haefele | 1677,87-1 | | |
| Sh | 6 | 3,017,328 | 1/16/1962 | Childrey, Jr. et al. | 167187-1 | | |
| Sa | 7 | 3,066,077 | 11/27/1962 | De Mytt et al. | 1671 87-1 | | |
| Cor | . 8 | 3,242,052 | 3/22/1966 | Sheffner | 132/201 | | |
| 42 | 9 | 3,243,346 | 3/29/1966 | Bechmann et al. | 167-187 | | |
| 52 | 10 | 3,252,866 | 5/24/1966 | Sheffner | 167/87-1 | | |
| 54 | 11 | 3,533,417 | 10/13/1970 | Bartoszewicz et al. | 132/7 | | |
| Coh | 12 | 3,654,936 | 4/11/1972 | Wajaroff | 132/7 | | |
| SI | 13 | 3,973,574 | 8/10/1976 | Minagawa, deceased et al. | 132/7 | | |
| Sh | 14 | 4,139,610 | 2/13/1979 | Miyazaki et al. | 424172 | | |
| CL | 15 | 4,153,681 | 5/8/1979 | Shiba | 424172 | | |
| Cel | 16 | 4,175,572 | 11/27/1979 | Hsiung et al. | 132/7 | | |
| Ch | 17 | 4,218,435 | 8/19/1980 | Shiba | 13217 424/72 | | |
| Ch - | 18 | 4,237,910 | 12/9/1980 | Khahil et al. | 424172 | | |
| // | 19 | 4,272,517 | 6/9/1981 | Yoneda et al. | 424/72_ | | |
| CF | 20 | 4,303,085 | 12/1/1981 | de la Guardia et al. | 13217 | | |
| Ca | _ 21 | 4,304,244 | 12/8/1981 | de la Guardia | 132/7 | | |
| CR | _ 22 | 4,314,572 | 2/9/1982 | de la Guardia et al. | 13217 | | |
| Cel | 23 | 4,322,401 | 3/30/1982 | Harada | 424/72 | | |
| Ch | - 24 | 4,324,263 | 4/13/1982 | de la Guardia | 132/7 | | |
| ER | 25 | 4,361,157 | 11/30/1982 | James | 132/7 | | |
| 5% | 26 | 4,373,540 | 2/15/1983 | de la Guardia | 424189 | | |
| h | 27 | 4,390,033 | 6/28/1983 | Khalil et al. | 13217 | | |

| Examiner | G. | OMM | Date | 11 120/00 |
|-----------|-----|-------|------------|-----------|
| Signature | 459 | Tillo | Considered | 1/1/5/05 |

| | * | 6 | IPE | | |
|-----------------|--------------------------|---------------|---------|------------------------|------------------|
| IDS Form PTO/SI | B/08: Substitute for for | m 14494/PTO | \$ | Co | omplete if Known |
| | | (SEP | 07 2005 | Application Number | 09/931,912 |
| INFO | DRMATION D | JISCI\®SU | RE 🐔 | Filing Date | August 20, 2001 |
| STA | TEMENT DV | APPLY | NIT 45 | First Named Inventor | Nghi Nguyen |
| 314 | TEMENT BY | AFFLICE | HADEMAN | Art Unit | 1751 |
| | (Use as many sheets | as necessary) | | Examiner Name | E. Elhilo |
| Sheet | 2 | of | 6 | Attorney Docket Number | 05725.0593-00000 |

| | | U.S. PATENTS | AND PUBLISHE | D U.S. PATENT APPLICA | TIONS |
|----------------------|-------------|---|--|--|---|
| Examiner Initials | Cite No. | Document Number Number-Kind Code (# known) | Issue or Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| Coly | 28 | 4,416,296 | 11/22/1983 | Meyers | 132/7 |
| Ch | 29 | 4,424,820 | 1/10/1984 | Cannell et al. | 13217 |
| SE | 30 | 4,509,983 | 4/9/1985 | Szabo et al. | 106/38-2 |
| CS | 31 | 4,605,018 | 8/12/1986 | de la Guardia et al. | 132/7 |
| 2.6 | 32 | 4,783,395 | 11/8/1988 | Hsieh et al. | 430/331 |
| Ca | 33 | 4,859,459 | 8/22/1989 | Greiche et al. | 424/71 |
| 4 | 34 | 4,895,722 | 1/23/1990 | Abe et al. | 424/71 |
| a, | 35 | 4,898,726 | 2/6/1990 | Beste | 424/72 |
| Con | 36 | 4,950,485 | 8/21/1990 | Akhtar et al. | 424121 |
| 4 | 37 | 4,956,175 | 9/11/1990 | Maignan et al. | 424172 |
| 52 | 38 | 5,015,767 | 5/14/1991 | Maignan et al. | 564/181 |
| 59 | 39 | 5,077,042 | 12/31/1991 | Darkwa et al. | \$64+18542410A |
| 49 | 40 | 5,106,612 | 4/21/1992 | Maignan et al. | 424/72 |
| 69 | 41 | 5,223,252 | 6/29/1993 | Kolc et al. | 424/72 |
| ER. | 42 | 5,332,471 | 7/26/1994 | Naddeo et al. | 162/6 |
| SR | 43 | 5,332,570 | 7/26/1994 | Bergstrom et al. | 424/72 |
| 99 | 44 | 5,348,737 | 9/20/1994 | Syed et al. | 424/71- |
| GR. | 45 | 5,376,364 | 12/27/1994 | Darkwa et al. | 424/70.2 |
| 30 | 46 | 5,523,078 | 6/4/1996 | Baylin | 424/70-1 |
| Ch | 47 | 5,565,216 | 10/15/1996 | Cowsar et al. | 424/10-4 |
| G& | 48 | 5,591,425 | 1/7/1997 | Dhaliwal | 424/70-4 |
| 99 | 49 | 5,609,859 | 3/11/1997 | Cowsar | 424/70-4 |
| Sa | 50 | 5,628,991 | 5/13/1997 | Samain et al. | 424/70-1 |
| 52 | 51 | 5,637,295 | 6/10/1997 | Lang et al. | 421170.2 |
| 52 | 52 | 5,641,477 | 6/24/1997 | Syed et al. | 424170-4 |
| 55 | 53 | 5,679,327 | 10/21/1997 | Darkwa et al. | 424/705 |
| 59 | 54 | 5,679,332 | 10/21/1997 | Braun et al. | U24/70-2 |
| 59 | _55· | 5,725,848 | 3/10/1998 | Borish et al. | 424170-9 |

| | | ^ | | | |
|-----------------------|----------|---|--------------------|----------|--|
| | | | | | |
| Examiner Signature | Sisa ElW | U | Date Considered | 11/25/05 | |

| PE | | | | T | omplete if Known | | | |
|-------------|--------------------------|---------------|-------|------------------------|------------------|-------------|--|--|
| | 9708: Substitute for for | n 1449A/PTO | | Complete if Known | | | | |
| 7 7 7005 |) 1 | | | Application Number | 09/931,912 | | | |
| SEP 07 1005 | ORMATION D | ISCLOSU | IRF | Filing Date | August 20, 2001 | | | |
| | | | | First Named Inventor | Nghi Nguyen | | | |
| STA STADEMA | A CINICIA I DI | AFFLICE | 714 1 | Art Unit | 1751 | | | |
| BTRADE | (Use as many sheets | as necessary) | _ | Examiner Name | E. Elhilo | | | |
| Sheet | 3 | of | 6 | Attorney Docket Number | 05725.0593-00000 | | | |

| | U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS | | | | | | | |
|----------|---|-----------------------------|--------------------------------|-----------------------------|---|--|--|--|
| Examiner | Cite | Document Number | Issue or | Name of Patentee or | Pages, Columns, Lines, Where | | | |
| Initials | No. | Number-Kind Code (if known) | Publication Date MM-DD-YYYY | Applicant of Cited Document | Relevant Passages or Relevant Figures Appear | | | |
| de | 56 | 5,753,215 | 5/19/1998 | Mougin et al. | 424/401 | | | |
| SE | 57 | 5,775,342 | 7/7/1998 | Hohenstein et al. | 132/204 | | | |
| Le | 58 | 5,824,295 | 10/20/1998 | Syed et al. | 424170.4 | | | |
| Ly | 59 | 5,833,966 | 11/10/1998 | Samain | 424170-2 | | | |
| Con | 60 | 5,849,277 | 12/15/1998 | Cowsar | 424/70-4 | | | |
| SK | 61 | 5,935,558 | 8/10/1999 | Malle , | 424/70-1 | | | |
| Coli. | 62 | 5,961,667 | 10/5/1999 | Doehling et al. | 8/408 | | | |
| SR | 63 | 6,287,582 B1 | 9/11/2001 | Gott et al. | 124/402 | | | |
| CR | 64 | 6,435,193 | 8/20/2002 | Cannell et al. | 132/203 | | | |
| Col | 65 | 6,782,895 | 8/31/2004 | Van Nguyen et al. | 132/203 | | | |
| CR | 66 | 6,792,954 | 9/21/2004 | Cannell et al. | 132/203 | | | |
| CrE | 67 | US-2002/0189027 A1 | 12/19/2002 | Cannell et al. | 8/405 | | | |

| | FOREIGN PATENT DOCUMENTS | | | | | | |
|----------------------|--------------------------|---|--------------------------------|---|---|-------------|--|
| Examiner Initials | Cite No. | Foreign Patent Document Country Code Number Kind Code (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation | |
| Ga | 68 | DE 20 14 628 | 10/14/1971 | Wella Aktiengesellschaft | | Abstract | |
| 52 | 69 | DE 28 23 243 | 11/29/1979 | Wella Aktiengesellschaft | | Abstract | |
| 55 | 70 | DE 35 19 463 A1 | 12/4/1986 | Wella Aktiengesellschaft | | Abstract | |
| 22 | 71 | DE 43 26 974 A1 | 5/5/1994 | Henkel KGaA | | Abstract | |
| Ce | 72 | EP 0 354 835 A1 | 2/14/1990 | L'Oreal | | | |
| GR | 73 | EP 0 465 342 A1 | 1/8/1992 | L'Oreal | | Abstract | |
| 00 | 74 | EP 0 512 879 A2 | 11/11/1992 | L'Oreal | | | |
| al | 75 | EP 0 636 358 A1 | 2/1/1995 | L'Oreal | <u> </u> | Abstract | |
| Col | 76 | EP 0 667 141 A2 | 8/16/1995 | Helene Curtis, Inc. | | | |
| Col | - 77 | EP 0 714 654 A1 | 6/5/1996 | Wella Aktiengesellschaft | | | |
| lu | 7.8 | EP 0 726 251 A1 | 8/14/1996 | Wella Aktiengesellschaft | | | |

| Examiner | | 2.1100 | Date | 11100/06 |
|-----------|------|---------------------|------------|----------|
| | 6,00 | CAHIVO | | 111/0/01 |
| Signature | 769 | $\nu \omega \omega$ | Considered | 11 0/1-3 |
| | | | | |

IDS Form PTO SB(08: Substitute for form 1449A/PTO Complete if Known EP 07 2005 Application Number 09/931,912 Filing Date August 20, 2001 INFERMATION DISCLOSURE First Named Inventor Nghi Nguyen TEMENT BY APPLICANT Art Unit 1751 (Use as many sheets as necessary) Examiner Name E. Elhilo Sheet 6 Attorney Docket Number 05725.0593-00000

| | FOREIGN PATENT DOCUMENTS | | | | | | |
|----------------------|--------------------------|---|--------------------------------|--|---|-------------|--|
| Examiner Initials | Cite No. | Foreign Patent Document Country Code Number Kind Code (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation | |
| R | 79 | GB 1 002 889 | 9/2/1965 | Mead Johnson & Company | | | |
| U | 80 | GB 1 281 662 | 7/12/1972 | Wella Aktiengesellschaft | - | | |
| 4 | 81 | WO 01/64171 A2 | 9/7/2001 | L'Oreal | | | |
| La | 82 | WO 01/74318 A2 | 10/11/2001 | Wella Aktiengesellschaft | | Abstract | |
| Con | 83 | WO 87/05500 | 9/24/1987 | Wella Aktiengesellschaft | - | Abstract | |
| Ch | - 84 | WO 89/06122 A | 7/13/1989 | Repligen Corporation | | | |
| Sh | 85 | WO 93/01791 A | 2/4/1993 | L'Oreal | - | Abstract | |
| U | 86 | WO 97/07775 | 3/6/1997 | Johnson Products Co., Inc. | | | |

| | | NON PATENT LITERATURE DOCUMENTS | |
|----------------------|-------------|---|-------------|
| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Translation |
| R | 87 | BASF Corporation on-line catalog http://www.basf.com/businesses/consumer/cosmeticingredients/pdfs/ethnic_haircare.pdf | |
| Cor | 88 | CLARIANT, "Tylose Water-soluble cellulose ethers", Product range and fields of Application | |
| Ch | 89 | English language Derwent Abstract for DE 20 14 628 | |
| Cle | 90 | English language Derwent Abstract for DE 28 23 243 | |
| CR | 91 | English language Derwent Abstract for DE 35 19 463 | |
| ca | 92 | English language Derwent Abstract for DE 43 26 974 | |
| CR | 93 | English language Derwent Abstract for EP 0 465 342 | |
| Cu | 94 | English language Derwent Abstract for JP 60021704 | |
| al | 95 | English language Derwent Abstract for JP 76-09013 | |
| Col | 96 | Examiner's Answer dated Jun. 13, 2005, in co-pending Application No. 09/838,197 (Attorney Docket No. 05725.0505). | |
| GR | 97 | International Search Report for International Application No. PCT/US01/43193 (Related to Attorney Docket Nos. 05725.0534-00 and 05725.0534-01), July 5, 2002, Examiner Simon. | |

| Examiner Signature | SISE GUM | O | Date Considered | 1) | 125 | 105 |
|-----------------------|----------|---|--------------------|----|-----|-----|

| | PE | • | | | | | |
|---|----------------|--------------------------|---------------|-------|------------------------|------------------|---|
| q | IDS Form PTO/S | Bi08: Substitute for for | n 1449A/PTO | | C | omplete if Known | _ |
| | 7 2005 | m) | | | Application Number | 09/931,912 | |
| 4 | | RMATION D | ISCLOSE | IRF | Filing Date | August 20, 2001 | |
| | 9 | TEMENT BY | | | First Named Inventor | Nghi Nguyen | |
| ঽ | TRADENAM | (IEMENIDI | APPLICA | AIA I | Art Unit | 1751 | |
| 1 | TRADE | (Use as many sheets | as necessary) | | Examiner Name | E. Elhilo | |
| 1 | Sheet | 5 | of | 6 | Attorney Docket Number | 05725.0593-00000 | |

| | | NON PATENT LITERATURE DOCUMENTS | |
|----------------------|-------------|---|-------------|
| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Translation |
| lle | 98 | International Search Report for International Application No. PCT/US02/03392 (Related to Attorney Docket No. 05725.0535), May 8, 2002, Examiner Bertrand | |
| Sh | 99 | International Search Report for International Application No. PCT/US02/08270 (Related to Attorney Docket No. 05725.0505), August 7, 2002, Ex. Bertrand | |
| 55 | 100 | International Search Report for International Application No. PCT/US02/21846 (Related to Attorney Docket No. 05725.0798), November 8, 2002, Ex. Marie | |
| 50 | 101 | International Search Report for International Application No. PCT/US02/21848 (Related to Attorney Docket No. 05725.0848), November 25, 2002, Examiner Bertrand. | |
| GR | 102 | Office Action dated Apr. 13, 2004, in co-pending Application No. 09/931,913 (Attorney Docket No. 05725.0848) | |
| Sh | 103 | Office Action dated Apr. 28, 2003, in co-pending Application No. 09/931,914 (Attorney Docket No. 05725.0798) (issued as U.S. Patent No. 6,782,895) | |
| Sh | 104 | Office Action dated April 12, 2005, in co-pending Application No. 09/789,667 (Attorney, Docket No. 05725.0535-00). | |
| Ch | 105 | Office Action dated Aug. 6, 2003, in co-pending Application No. 09/838,197 (Attorney Docket No. 05725.0505) | |
| Ch | 106 | Office Action dated Dec. 16, 2003, in co-pending Application No. 10/214,942 (Attorney Docket No. 05725.0534-01) (Now issued as U.S. Patent No. 6,792,954) | |
| Cic | 107 | Office Action dated Feb. 6, 2003, in co-pending Application No. 09/838,197 (Attorney | |
| an | 108 | Office Action dated February 5, 2003, in co-pending Application No. 09/789,667 (Attorney Docket No. 05725.0535-00) | |
| he | 109 | Office Action dated Jul. 22, 2004, in co-pending Application No. 09/838,197 (Attorney Docket No. 05725.0505). | |
| CR | 110 | Office Action dated July 23, 2004, in co-pending Application No. 09/931,913 (Attorney Docket No. 05725.0848) | |
| Cl | 111 | Office Action dated July 26, 2004, in co-pending Application No. 09/789,667 (Attorney Docket No. 05725.0535-00. | |
| Se | 112 | Office Action dated July 31, 2003, in co-pending Application No. 09/789,667 (Attorney Docket No. 05725.0535-00). | |
| El | 113 | Office Action dated Nov. 19, 2004, in co-pending Application No. 09/931,913 (Attorney Docket No. 05725.0848) | |
| Se | 114 | Office Action dated Oct. 27, 2003, in co-pending Application No. 09/931,913 (Attorney Docket No. 05725.0848) | |
| S | 115 | Office Action dated Sept. 9, 2003, in co-pending Application No. 09/931,914 (Attorney Docket No. 05725.0798) (issued as U.S. Patent No. 6,782,895) | |

| Examiner Scor Out | | |
|--------------------------------------|-----|--|
| Signature ZISC SUUC Considered TI C) | 105 | |

IDS Form PDO 6B/08: Substitute for form 1449A/PTO Complete if Known 09/931,912 Application Number INFORMATION DISCLOSURE Filing Date August 20, 2001 SE First Named Inventor Nghi Nguyen STATEMENT BY APPLICANT 1751 Art Unit (Use as many sheets as necessary) Examiner Name E. Elhilo 05725.0593-00000 Attorney Docket Number Sheet 6

| | | NON PATENT LITERATURE DOCUMENTS | |
|----------------------|-------------|---|-------------|
| Examiner Initials | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Translation |
| Car | 116 | Office Action dated September 10, 2002, in co-pending Application No. 09/789,667 (Attorney Docket No. 05725.0535-00) | |
| the | 117 | Robbins, Clarence R., "Chemical and physical behavior of human hair," pp 124-126, 148-151, and 162-163, Springer (2002). | |
| W | 118 | Schoon, Douglas D., "Hair structure and chemistry simplified", Revised edition, pp. 191-192, Milady Publishing Co. (1993). | |
| LL | 119 | ZAHN, Helmut, "N,O-Peptidyl shift, disulfide exchange, and lanthionine formation in wool and other proteins containing cystine," Chimia (Switz.) (1961), 15, 378-94, | |
| U | 120 | Zviak, C., The Science of Hair Care, pp 185-186 (1986). | |

| Examiner | 241 | Date | 11 | 78/06 |
|-----------|------------|------------|----|-------|
| Signature | 765g 2000c | Considered | U | 27(0) |
| | | | | |